

Lodi Citizen's Monitoring - Lodi, California

JULY 2004

Limited monitoring by two student monitoring groups.

Weather:

Clear, light breeze, temperature 26 C (78 F)

Water had some cloudiness and some green & olive/brown color reported.

Woodbridge Dam in operation, River level up, Lodi Lake with water.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	9-Jul-04 Grade:	13:15	7.2 A	18.1 C A	64.6 F	7.4 A	3.1 ntu A	50 A	0 A	
										Not monitored
										Not monitored
										Not monitored
										Not monitored
										Not monitored
Site # 7 River, near Gazebo N/O Lodi Lake	9-Jul-04 Grade:	15:15	7.5 A	21.6 C A	70.9 F	8.0 A	3.0 ntu A	45 A	NA	
Site # 7A East end (S/o SD) Lodi Lake	9-Jul-04 Grade:	16:00	7.8 A	25.0 A	77.0 F	7.5 A	NA	50 A	NA	
										Not monitored
Site # 9 River at WID Dam	9-Jul-04 Grade:	13:45	7.1 A	22.8 C A	73.0 F	6.9 B	3.4 ntu A	40 A	0 A	Dam Construction

NA = Not Analyzed (equipment problems)

GRADE:	pH	Temp	D.O.	Turbidity	TDS	Nitrates
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10